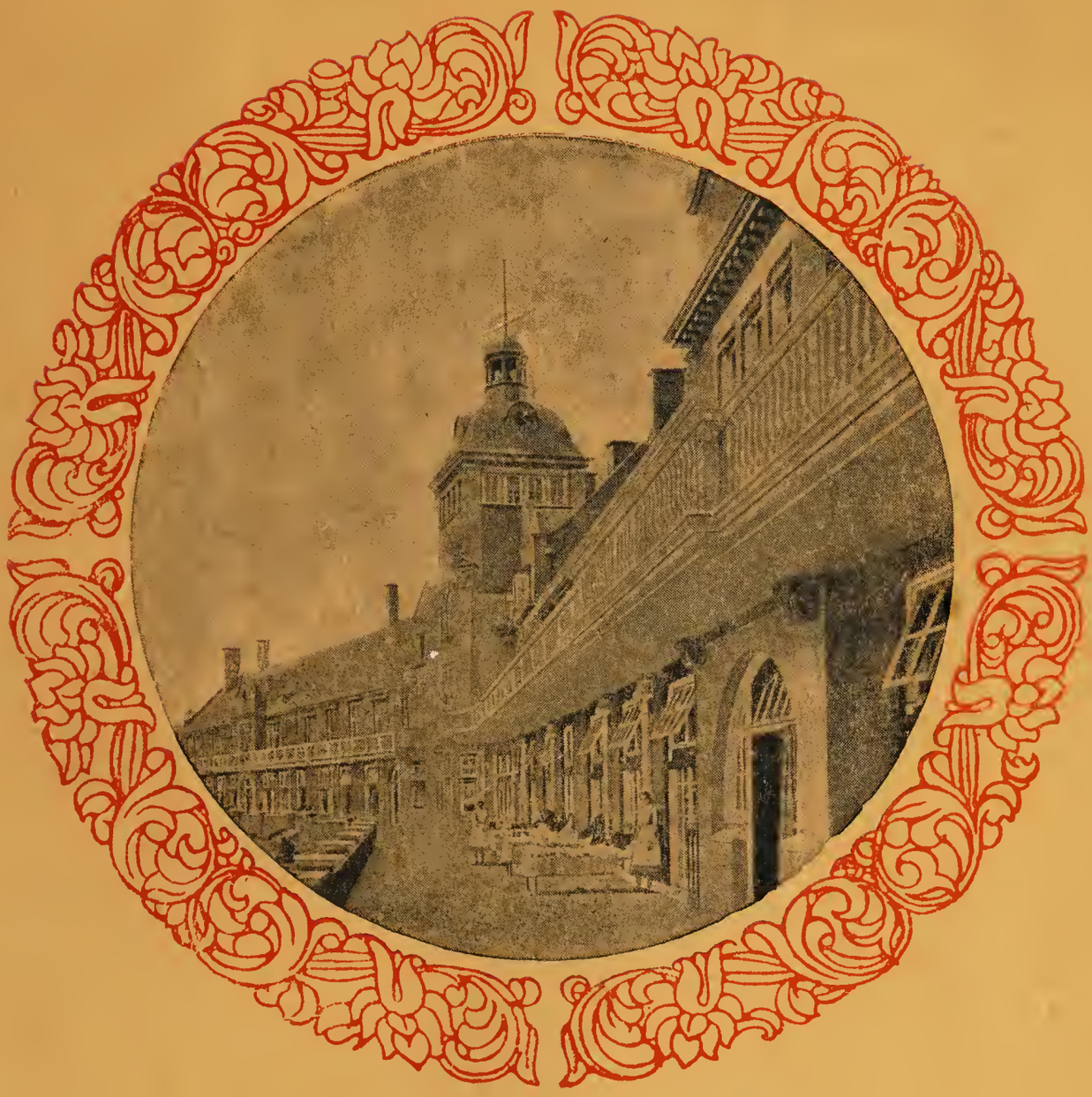

ANNUAL REPORT.

Mount Vernon Hospital and The Radium Institute

For the year 1947.

A National Centre for the Treatment of Patients suffering from Cancer.

CONTRIBUTION FORM.

NAME.	ADDRESS.	ANNUAL SUBSCRIPTION.	DONATION.

Mount Vernon Hospital

and

The Radium Institute.

NORTHWOOD, MIDDLESEX.

and - - 59 Portland Place, London, W. I

For the Treatment of Patients suffering from CANCER.

REPORT

FOR THE YEAR 1947.

With Accounts for the Year ending 31st December, 1947.

Offices:

59 PORTLAND PLACE, LONDON, W. I

1948.

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MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.

HOSPITAL AT NORTHWOOD, MIDDLESEX.

Offices and Out-patient Department :—

59 PORTLAND PLACE, LONDON, W. 1

President.

The Right Hon. the Earl of Donoughmore, P.C., K.P.

Vice-Presidents.

Sir George Blacker, C.B.E.
Percy Freeman, Esq.
The Viscount Nuffield.
The Lord Vansittart, G.C.B., G.C.M.G., M.V.O.

Joint Honorary Treasurers.

The Right Hon. Sir Felix Cassel, Bt., P.C., K.C.
The Viscount Knollys, K.C.M.G., M.B.E., D.F.C.

Bankers.

Barclays Bank Ltd., 1 Pall Mall East, S.W. 1
Messrs. Hoare, 37 Fleet Street, E.C. 4
Midland Bank Ltd., 25 Great Portland Street, W. 1
Messrs. Coutts & Co., 440 Strand, W.C. 2

Hon. Solicitors.

Messrs. Vandercom, Stanton & Co.,
35 Spring Gardens, S.W. 1

Auditors.

Messrs. J. M. Winter & Sons, 39 St. James' Street, S.W. 1

Secretary and House Governor.

F. A. Watson, F.H.A.

Council.

President and Chairman.

The Right Hon. the Earl of Donoughmore, P.C., K.P.

Ex-officio Members.

The President. The Joint Hon. Treasurers.
The Vice-Presidents.

---

†The Rt. Hon. Sir Felix Cassel, Bt., P.C., K.C.
Sir Ernest Rock Carling, M.B., B.S., F.R.C.S.
Dr. Malcolm Donaldson, M.B., F.R.C.S.
Duncan C. L. Fitzwilliams, Esq., C.M.G., M.D., F.R.C.S.
T. A. Garner, Esq., F.C.I.S.
The Viscount Harcourt.
W. Douglas Harmer, Esq., F.R.C.S.
The Viscountess Knollys.
†The Viscount Knollys, K.C.M.G., M.B.E., D.F.C.
Col. the Rt. Hon. Lord Llewellin, P.C., C.B.E., M.C.
The Lord Monson.
The Lord Moyne.
The Lord Pender.
Mrs. George Ritchie.
Lady Vansittart.
Vincent E. Vincent, Esq.
H. W. C. Vines, Esq., M.A., M.D.
Dr. W. Roy Ward.

† Deputy Chairman.

Standing Committees.

Ex-Officio Members.

The President and Joint Hon. Treasurers.

Finance Committee.

The Rt. Hon. Sir Felix Cassel, Bt., P.C., K.C., *Chairman.*

House Committee.

The Viscountess Knollys, *Chairman.*

Medical Superintendent.

Lt. Col. H. G. Alexander, I.M.S., F.R.C.S.

Chaplain.

The Rev. C. G. C. Walker, M.A.

Matron.

Miss I. M. Sterlini, S.R.N.

Medical Staff.

Physicians.

* M. Kremer, M.D., F.R.C.P.
C. E. Lakin, M.D., F.R.C.S., F.R.C.P.
* A. E. Willcox, M.D., F.R.C.P.

Dermatologist.

G. M. Mitchell-Heggs, O.B.E., M.D., M.R.C.P.

Surgeons.

Air Vice Marshall Sir Stanford Cade, F.R.C.S.
Duncan C. L. Fitzwilliams, C.M.G., F.R.C.S.
W. Douglas Harmer, F.R.C.S.
P. J. Jory, D.S.O., F.R.C.S.
R. Marnham, M.A., F.R.C.S.
E. Stanley Lee, F.R.C.S.
R. S. Lewis, F.R.C.S.
* Alan Shorter, M.B., B.S., F.R.C.S.
A. J. Durden Smith, F.R.C.S.
* L. Turner Warwick, F.R.C.S.

Gynaecologists.

Malcolm Donaldson, M.B., F.R.C.S., F.R.C.O.G.
Humphrey Arthure, M.D., M.R.C.O.G., F.R.C.S.

Dental Surgeon.

J. G. Fernie, L.D.S.

Anaesthetists.

A. S. Addison, M.B., B.S.
* M. Denton, D.A.
* M. Holborow, M.B., B.S., D.A.

Radiotherapists.

W. Roy Ward, M.B., B.S., D.M.R.
G. Picciotto, M.B., M.R.C.P., D.M.R.
Charles Lewis, M.B., Ch.B., D.M.R.T.
* Professor B. W. Windeyer, M.B., B.S., F.R.C.S., D.M.R.E., F.F.R.
* Paul Strickland, M.R.C.S., L.R.C.P., M.B., B.S. (Lond.), D.M.R. (Lond.).

Pathologists.

* Ruth Pearson, M.B., B.S.
* I. H. Gordon, M.R.C.S., L.R.C.P.

Director of Cancer Research.

R. J. Ludford, D.Sc., Ph.D., P.R.M.S.

Physicists.

J. Read, B.Sc., Ph.D.
D. E. A. Jones, B.Sc., F.Inst.P.
H. A. Hughes, B.Sc., A.Inst.P., A.R.C.S.
P. Tothill, B.Sc.

* E.M.S.

REPORT, 1947.

The Council have the honour to submit to the Members their report for the year 1947, together with the accounts audited by Messrs. J. M. Winter & Sons.

Sir Sam. H. Brown, Mr. Rollo Hoare, Dr. Derek Jackson and Mr. P. J. Jory were all compelled, owing to their other heavy commitments, to resign their membership of the Council, and the Council desire to record their grateful thanks to them for their services to the Hospital.

The Council report with great regret the death of Mr. K. A. Layton-Bennett, who had been elected to the Council as a representative of Charing Cross Hospital only a few months prior to his death.

A very warm welcome is extended to Mrs. Ritchie, Dr. H. W. C. Vines and Dr. Roy Ward, who accepted invitations to join the Council during the year.

The deaths during the year of Professor Weigert, the Hospital's Physical Chemist, and Miss A. M. Ross, a member of the Radiotherapy staff, are recorded with very deep regret.

Dr. C. E. Lakin, Mr. H. G. Arthure and Mr. R. S. Lewis were elected to the Visiting Medical Staff during the year.

Three members of the Visiting Medical Staff resigned during the year, Air Vice-Marshal Geoffrey Keynes and Mr. H. B. Stallard, owing to other commitments, and Mr. H. W. Rodgers, on his appointment to the Chair of Surgery in Belfast.

These gentlemen have rendered great service to the Hospital and the Council desire to record their sincere appreciation of these services.

From the statistical tables on page 26 it will be seen that the average number of in-patients for the year was rather less than in 1946, i.e., the total number of patients admitted during the year was 3,633, compared with 4,071 in 1946. This decrease of 438 was due almost entirely to the fact that only 185 service cases were admitted during the year, whereas 593 such cases were received in 1946. The number of patients admitted to Mount Vernon general beds, however,

as distinct from those admitted under the Emergency Hospital Service scheme increased from 645 to 751, which is an indication that hospitals and general practitioners are more and more looking to Mount Vernon to undertake the treatment of their cases requiring radiotherapy and radium. No cases seeking admission for treatment by radium or radiotherapy have been refused, and both the Mount Vernon and the E.M.S. Radiotherapy Departments have been working to capacity throughout the year.

Work in the Physiotherapy and Occupational Therapy Departments continues to increase, and no less than 53,925 treatments were given in the former during the year, compared with 48,000 in 1946. Both departments are recognised as essential in the treatment of almost every type of illness or injury, and the benefit obtained by patients from them increases annually.

The Almoner's Department has again spared no effort to assist patients in the many problems which arise with illness, and the work undertaken by the Department includes the following:—

Special appliances provided	202
Patients sent to convalescent homes ...	94
Patients provided with general help ...	151
Patients provided with transport ...	234
Rehabilitation cases	42
Assistance given for outside nursing ...	40

The adoption by the Council of the recommendation of the King Edward's Hospital Fund that hospital kitchens should be a separate department, has proved most successful. Electrically heated trolleys have been provided for every ward, and the standard of catering at the Hospital is very high.

The universal shortage of nursing staff has affected the Hospital very considerably, and in the hope of easing the situation the Hospital applied to the General Nursing Council for recognition as a Training School for Assistant Nurses. This was granted, and several courses of instruction were held during the year. Many of the pupil nurses, however, became so keen on nursing that they decided to take their training for the general or supplementary register,

and consequently left the Hospital to do so. It has become obvious, therefore, that whilst Assistant Nurses are of great value to Hospitals, it is unlikely they will provide the answer to the shortage problem.

At the request of the Ministry of Health the Council agreed temporarily to place six ward huts at the disposal of Charing Cross Hospital whilst that Hospital is awaiting the erection of its new building at Northwick Park.

A new Out-Patient Department at 59, Portland Place, was opened in April, 1947. This is a commodious building containing a number of excellent consulting and examination rooms, and is being used largely for patients requiring Out-Patient treatment and " follow up " cases.

Work in the Research Laboratories has continued throughout the year, but owing to the present national difficulties it has not been possible to carry out the plan for reorganising the cancer research laboratories as anticipated in the last Annual Report. It has, therefore, been necessary to limit the scope of our investigations and to make the best use possible of existing laboratory accommodation.

A fundamental task of cancer research is the study of malignant cells. An enormous amount of work has been carried out with the aim of determining in what respect cancer cells differ from their non-malignant prototypes. Although in most cases it is possible for a trained observer to identify cancer cells under the microscope, yet there is no precise criterion of malignancy. In border-line cases it is impossible to decide whether a cell is abnormal and relatively harmless, or whether it is cancerous with deadly potentialities. The particular attribute of the cancer cell is its capacity for unlimited, and uncontrolled, growth. Whereas healthy cells only grow when required for the well-being of the body—to replace worn-out tissues or to repair injuries —cancer cells keep growing continuously. They invade and destroy surrounding tissues. They are carried around the body in lymph and blood, and give rise to secondary growth in organs remote from their site of origin. They are potentially immortal. We are still maintaining by serial transplantations in mice the progeny of cancer cells which first became malignant in the days of Queen Victoria. There is

no known reason why they should not be kept growing for ever. The reason for their perpetual growth is the solution of the problem of the causation of cancer.

It is not surprising that scientists have examined cancer cells with all the most critical techniques of microscopy in the search for some peculiarity of structure that might account for their truly remarkable, though insidious capacity for growth. The smallest particle that can definitely be seen with the ordinary light microscope is about 1/5000th of a millimetre (1 inch is about 25½ millimetres). However, when living cells are prepared for microscopical examination they are so translucent as to be almost transparent. This difficulty has recently been overcome by the perfecting of the phase-contrast microscope. By its aid minute structural details are clearly revealed in the living condition. It does not, however, increase the limit of microscopic vision. This can only be achieved by using shorter wave lengths of light than those to which the human eye is receptive. These are the so-called ultra-violet light rays or irradiations, the most suitable for microscopical purposes being those of approximately half the wave length of green light. By halving the wave length of light it is possible to double the limit of resolution. Particles only half the size of those visible by the ordinary light microscope, can therefore be rendered visible by the use of the ultra-violet microscope. One cannot observe objects directly by its use since the eye is not sensitive to the irradiation. But it is possible to select living cells by means of the ordinary light microscope and then to take photographs by ultra-violet light. Such pictures, called ultra-violet micrographs, not only demonstrate finer details of structure than the ordinary microscope, but also convey information about the chemical composition of the structures revealed. This is because certain groupings of molecules absorb ultra-violet radiations in a specific manner.

The technique of ultra-violet microscopy was brought to a high degree of efficiency by Mr. J. E. Barnard, F.R.S., in the National Institute for Medical Research. The Director, Dr. C. R. Harington, F.R.S., has placed at Dr. R. J. Ludford's disposal extensive facilities for undertaking in collaboration with Mr. J. Smiles, A.R.C.S., an investigation

into the application of these new methods of microscopy for the study of living malignant cells. Preliminary accounts of their work have already been given to the Society of Experimental Biology, the Pathological Society, and the Royal Microscopical Society. A general report on the initial findings is at present in course of publication, and a short account of the work will be appearing in the Scientific Report of the Hospital.

The Council is most gratified for the support given to this work by the British Empire Cancer Campaign which has made a special grant for the purpose. Certain new technical developments that have been envisaged require the construction of special apparatus, which is at present in progress. As soon as possible this will be installed in our research laboratories.

A complete survey of the research carried out in the Cancer Research and Biophysics Laboratories will in future be published in the Medical and Scientific Reports which will be a separate publication. To it reference should be made for accounts of the work of Dr. J. Read and his group on the biological action of ionising radiations and the work of Messrs. G. Calcutt and A. K. Powell on experimental carcinogenesis. A monograph by Mr. Powell on the "Organisation of the Malignant Cell" is being published by the Royal Microscopical Society.

During the year the Mount Vernon Fellowship was reconstituted with the object of raising funds to provide additional amenities, etc., for patients in the Hospital. Mr. G. Silverwood Cope was appointed Chairman of the Committee, and as its first function the Fellowship held a Christmas Bazaar in November. This resulted in a sum of £1,000 being raised, and the Council desires to express its grateful thanks to Mr. Silverwood Cope, his Committee, Mr. A. E. Bundy, who compiled the programme, and to the many friends of the Hospital and the staff who worked so hard to achieve this excellent result.

A statement of accounts will be found on page 20A, from which it will be noted that the Expenditure exceeded the Income by more than £26,000. The Finance Committee has continued to exercise the utmost vigilance to ensure that expenditure is kept to a minimum compatible with efficiency,

but with the adoption of the salary scales recommended by the Joint Negotiating Committee and the incidence of purchase tax, the Finance Committee has less control over expenditure than previously.

The Council desires to express its sincere gratitude to the King Edward's Hospital Fund for London for a further grant of £2,000 towards the cost of maintenance. The generous assistance the Fund has given to the Hospital for so many years has been of the greatest value.

The Special Hospitals Flag Day was held for the last time in October, and resulted in a sum of £212 17s. being collected. This result was again largely due to the efforts of Miss Richardson and her assistants, to whom the Council extends its grateful appreciation.

The British Empire Cancer Campaign has again provided very generous financial assistance, which has enabled the work of the Research Department to be greatly increased during the year, and the Council desires to record its grateful appreciation to the Campaign for the financial assistance it has so readily given to the Hospital for many years.

The Metropolitan Hospitals Sunday Fund made a grant of £300 to the Hospital, and the Council desires to express its grateful thanks for this grant and for the help the Fund has given to the Hospital for many years.

The high level at which subscriptions and donations have been maintained during the year is a tribute to the devotion of the many friends of the Hospital, and the Council are grateful that despite the imminence of the National Health Service they have continued their generous support.

Many gifts of foodstuffs have been received during the year from the Dominions. These have been of great assistance in enabling a varied diet to be provided, and the Council are very grateful for this continued generous help.

This is the last report that will be published on a full year's work as a Voluntary Hospital, and the Council feel it is their duty to thank, not only those people who have assisted the Hospital during 1947, but all those who have given their help in many different ways in the past years.

On July 5th next the Hospital will be handed over to the State, and whilst to many there will be more than a tinge of regret at the forthcoming changes, the Council has the satisfaction of knowing that it is handing over to the nation a Hospital which has a high tradition, with a highly developed organisation and equipment for the fulfilment of its mission, and staffs, professional and lay, in every department who can be relied upon to give of their best towards ensuring the continued progress and service of the Hospital in the future National Health Service.

In concluding this report the Council wishes once again to pay a warm tribute to the work of the Visiting Medical Staff, the Resident Medical Staff, the Nursing Staff, the Administrative Staff and the Domestic Staff. The year just passed presented many problems and the Council feels that the loyal co-operation and devoted services of the Staff generally contributed in great measure to maintain the prestige of the Hospital.

DONOUGHMORE.

DIRECTIONS TO THOSE SEEKING ADMISSION TO THE HOSPITAL.

1.—All applicants must be approved by the Medical Council before acceptance. The Secretary and House Governor will send report forms in the case of applicants from the country.

2.—Applicants are not admitted for a definite period of time.

3.—Visitors (not to exceed two in number) to patients are admitted between the hours of 2 and 4 on Sundays and Wednesdays.

NOTE.—Special private rooms and cubicles are reserved for paying patients.

Particulars may be obtained on application to the Secretary and House Governor at the

Offices: 59 Portland Place, London, W. 1, or the Hospital, Northwood, Middlesex.

N.B.—The Hospital is about one mile from Northwood Station, London and North Eastern and Metropolitan Railway, and fifteen miles from London. Departures from Marylebone L. & N.E.R. or Baker Street (Met.) at frequent intervals.

The following Wards and Beds in the Hospital have been specially named.

THE "HELENA" WARD.
THE "HENRY HARBEN" WARD.
THE "HENRY IRVING" WARD.
THE "ANNIE ZUNZ" WARD.
THE "EDITH CAVELL" BED.
THE "ELIZABETH RUNDLE CHARLES" BED.
THE "J. C. GEISELBRECHT" BED.
THE "GORE-LLOYD" BED.
THE "HAMPSTEAD" JUBILEE BEDS (2).
THE "IN MEMORIAM GEORGE FIELD" BED.
THE "JOHANNA STEINKOPFF IN MEMORIAM" BED.
THE "SAMUEL ENGEL" BED.
THE "M. HARKER-SMITH" BED.
THE "W. AND S. ROPER" BED.
THE "LADY LOUISA GOLDSMID" BED.
THE "IN MEMORY OF MRS. MAUDE ASHLEY" BED.
THE "ISABELLA CAMPBELL" BED.
THE "THOMAS WODEHOUSE" BED.
THE "HENRY JOHN" BED.
THE "PERCY FREEMAN" BED.
THE "JOHN WESTGATE" BEDS (2).
THE "ELIZABETH WILLS ALLEN" BED.
THE "H. E. DAVID" BED.
THE "LADY LUCY" BED.

GIFTS IN KIND.

Gifts of game, fruit, flowers, books, etc., which are always acceptable and greatly appreciated by the patients, should be accompanied by the name and address of the Donor, in order that their receipt may be acknowledged.

ACCOUNTS.

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.

BALANCE SHEET, as at 31st December, 1947.

LIABILITIES.	£ s. d.	£ s. d.	£ s. d.
1. SUNDRY CREDITORS—			
(*d*) General Fund			20412 16 2
2. LOANS TO HOSPITAL—			
(*d*) General Fund :			
Barclays Bank Ltd., secured by Deposit of Title Deeds, Leases and Investments		22333 11 3	
Internal Loans—			
(*d*) General Fund :			
Loan from Buildings and Equipment Fund, ...	3666 17 9		
Loan from Suspense Fund ...	10000 0 0		
		13666 17 9	
			36000 9 0
3.—CAPITAL ACCOUNTS—			
(*a*) Hospital Endowments			
Balance at 31st December, 1946 ...		30546 4 11	
(*b*) Special Funds :			
(1) Samaritan Fund :			
Balance as at 31st Dec., 1946...	1173 17 0		
Less : Excess of Expenditure over Income for year to date ...	52 10 1		
		1121 6 11	
(2) T. C. Fitton Account :			
Balance as at 31st Dec., 1946...		2891 12 4	
(3) British War Relief Society :			
Balance as at 31st Dec., 1946 ...		20 0 0	
(4) Findlay B. Anderson Trust Fund :			
Balance as at 31st Dec., 1946...		1006 1 0	
(5) Cancer Research Account :			
Balance as at 31st Dec., 1946...	1176 14 9		
Add : Interest on Investments for year to date ...	23 8 2		
Donations received during year to date	31 6 6		
		1231 9 5	
(6) Benefit Fund for Staff :			
Balance as at 31st Dec., 1946...	883 12 0		
Less : Excess of Expenditure over Income for year to date	84 4 1		
		799 7 11	
(7) Newham Account :			
Balance as at 31st Dec., 1946 ...	3471 14 5		
Add: Interest on Investments	94 10 0		
		3566 4 5	
(8) National Centre and Post Graduate Course of Radio-therapy			
Balance as at 31st Dec., 1946	284 3 9		
Add : Interest on Deposit Account	11 1 0		
		295 4 9	
(9) Prophit Trust		2072 7 0	
(10) Fellowship Comforts Fund ...		833 15 10	
(11) Fellowship Fund		525 2 8	
(*c*) Buildings and Equipment Fund :			
Balance as at 31st Dec., 1946 ...	310273 11 5		
Add: Donations received during the year...	483 18 10		
		310757 10 3	
(*d*) General Fund overdrawn (see contra)			
(*e*) Suspense Fund : Zunz Estate :			
Balance as at 31st December, 1946		10158 16 6	
			363223 3 11
			£419636 9 1

Signed on behalf of the Council.

FELIX CASSEL.
KNOLLYS.

ASSETS.	£ s. d.	£ s. d.	£ s. d.
1. CASH AT BANK AND IN HAND—			
On account of—			
(*a*) Hospital Endowments		1092 10 4	
(*b*) Special Funds :			
(1) Samaritan Fund...	531 11 3		
(2) T. C. Fitton Account	289 12 4		
(3) British War Relief Society ...	20 0 0		
(4) Findlay B. Anderson Trust Fund	6 1 0		
(5) Cancer Research Account ...	731 9 5		
(6) Newham Account	415 4 5		
(8) National Centre and Post Graduate Course of Radio-therapy	295 4 9		
(9) Prophit Trust	2072 7 0		
(10) Fellowship Comforts Fund ...	833 15 10		
(11) Fellowship Fund...	125 2 8		
		5320 8 8	
(*c*) Buildings and Equipment Fund ...		2802 8 1	
(*d*) General Fund		1301 10 7	
(*e*) Suspense Funds		158 16 6	
			10675 14 2
2. (*d*) STOCKS OF UNUSED STORES ON HAND			9200 0 0
3. SUNDRY DEBTORS—			
(*d*) General Fund			19123 2 4
4. INTERNAL LOANS—			
(*c*) Buildings and Equipment Fund Loan to General Fund		3666 17 9	
(*e*) Suspense Fund—Loan to General Fund		10000 0 0	
			13666 17 9
5. INVESTMENTS—			
(*a*) Hospital Endowments		29,453 14 7	
(*b*) Special Funds :			
(1) Samaritan Fund...	589 15 8		
(4) Findlay B. Anderson Trust Fund	1000 0 0		
(5) Cancer Research Account ...	500 0 0		
(6) Benefit Fund for Staff	799 7 11		
(7) Newham Account	3151 0 0		
(11) Fellowship Fund	400 0 0		
		6440 3 7	
(*c*) Buildings and Equipment Fund ...		78 0 0	
(*d*) General Fund		12201 8 9	
			48173 6 11
Approximate Market values at 31st Dec., 1947—			
Hospital Endowments		35344 2 9	
Special Funds :			
Samaritan Fund...	756 11 11		
Finlay B. Anderson Trust Fund	1015 0 0		
Cancer Research Account ...	703 1 6		
Benefit Fund for Staff... ...	1093 5 1		
Newham Account	3182 10 0		
Fellowship Fund	404 0 0		
		7154 8 6	
Buildings and Equipment Fund		78 0 0	
General Fund		14380 4 10	
		£56956 16 1	
6. LAND, BUILDINGS AND EQUIPMENT OF THE HOSPITAL—			
Expenditure from 1st January, 1901, to 31st December, 1946		298833 10 11	
Expenditure during year to 31st December, 1947		5376 13 6	
			304210 4 5
7. CAPITAL ACCOUNT OVERDRAWN—			
(*d*) General Fund :			
Excess of Expenditure over Income for year to date		26309 18 7	
Less : Balance as at 31st December, 1946 (Credit)	12247 17 9		
Less: Transferred to Fellowship Fund (to adjust)	525 2 8		
		11722 15 1	
			14587 3 6
			£419636 9 1

TO THE MEMBERS.

We have audited the above Balance Sheet with the Books and Vouchers of the Association and find the same to be in accordance therewith.
The value of the Stock of Unissued Stores on Hand has been certified to us by the Secretary.
To the best of our knowledge and belief the Regulations of the Revised Uniform System of Hospital Accounts have been followed.

JOHN M. WINTER & SONS,
Chartered Accountants,
39, St. James' Street, London, S.W. 1.

19*th May*, 1948.

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.

INCOME AND EXPENDITURE ACCOUNT for the year to 31st December, 1947.

INCOME.

	£ s. d.	£ s. d.	£ s. d.
ORDINARY.			
I. Voluntary Gifts.			
1. Subscriptions, Donations, etc. :—			
Annual Subscriptions	1341 2 9		
Donations	2186 4 1		
Box Collections	*Nil*		
Entertainments	*Nil*		
Gifts in Kind	*Nil*		
Other Voluntary Gifts	*Nil*		
		3527 6 10	
2. Central Funds:—			
King Edward's Hospital Fund	2000 0 0		
Hospital Sunday Fund	300 0 0		
Other Central Funds	*Nil*		
		2300 0 0	
			5827 6 10
II. Receipts on Account of Services Rendered.			
1. Contributions on Account of Services to Patients :—			
(*a*) From Patients and their Societies—			
Patients	17523 8 11		
Contributory Schemes—			
Hospital Saturday Fund	289 6 6		
Hospital Saving Association	2434 11 0		
Other Schemes	6264 1 8		
Approved Societies	3 0 0		
Other Sources	*Nil*		
	26514 8 1		
(*b*) From Public Authorities:			
Government Emergency Hospital Scheme	133083 16 0		
On account of State Grant towards Rushcliffe rates of Salaries for Nurses and Midwives	3100 0 0		
Various Local Authorities	3886 19 10		
		166585 3 11	
2. Fees :—			
Nurses' and Probationers' Fees ...	*Nil*		
Other Fees	*Nil*		
		Nil	
3. Other Receipts		*Nil*	
			166585 3 11
III. Invested Property.			
Interest, Dividends, etc.		1879 14 3	
Rents		900 2 4	
			2779 16 7
Ordinary Income			175192 7 4
EXTRAORDINARY.			
1. Legacies		1290 4 5	
2. Other Extraordinary Income—		*Nil*	
Extraordinary Income			1290 4 5
Total Income			176482 11 9
Balance being Excess of Total Expenditure over Income for the year			26309 18 7
			£202792 10 4

EXPENDITURE.

	£ s. d.	£ s. d.
ORDINARY.		
I. Provisions		39678 1 11
II. Surgery and Dispensary.		
1. Drugs, Chemicals, Disinfectants, etc.	8258 3 4	
2. Dressings, Bandages, etc.	2763 13 4	
3. Instruments and Appliances	6474 16 11	
4. Wines and Spirits	168 11 9	
5. Salaries and Wages of Dispensing Staff	1912 12 8	
6. Sundries	1148 13 9	
		20726 11 9
III. Domestic.		
1. Renewal and Repairs of Furniture, Bedding, Crockery, etc.	7247 3 3	
2. Laundry	9977 12 6	
3. Cleaning and Chandlery	1445 7 3	
4. Water	716 8 2	
5. Fuel and Lighting	12850 1 8	
6. Uniforms	2042 1 5	
7. Sundries	231 12 6	
		34510 6 9
IV. Salaries and Wages (Maintenance).		
1. Medical	6066 7 1	
2. Nursing	34047 10 11	
3. Other Officers and Employees	47895 14 5	
4. Pensions	1139 10 0	
		89149 2 5
V. Miscellaneous.		
1. Printing, Stationery, Postages, Telephones, etc....	3354 14 10	
2. Advertisements	294 12 8	
3. Insurance of Buildings, Equipment, Stores, etc. ...	451 3 10	
4. Garden	948 15 4	
5. Sundries	2141 7 2	
		7190 13 10
VI. Administration.		
1. Salaries	2869 0 0	
2. Pensions	900 0 0	
3. Printing, Stationery, Postages, Telephones, etc.	130 19 8	
4. Advertisements	*Nil*	
5. Law Charges	56 0 6	
6. Auditors' Fees	315 0 0	
7. Sundries	60 19 5	
		4331 19 7
		195586 16 3
VII. Establishment.		
Renewals and Repairs to Buildings and Plant ...		4994 4 10
VIII. Finance.		
1. Interest	294 11 1	
2. Appeals	251 13 3	
3. Rent	705 10 3	
4. Rates and Taxes	959 14 8	
		2211 9 3
Ordinary Expenditure		202792 10 4
EXTRAORDINARY.		
1. Contributions to other Institutions	*Nil*	
2. Other Extraordinary Expenditure	*Nil*	
Extraordinary Expenditure		*Nil*
Total Expenditure		202792 10 4
		£202792 10 4

We have examined the above Account with the Books and Vouchers of the Association and certify the same to be in accordance therewith.

19*th May*, 1948.

JOHN M. WINTER & SONS,
Chartered Accountants,
39, St. James' Street, London, S.W. 1.

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.

SAMARITAN FUND.

STATEMENT OF RECEIPTS AND PAYMENTS for the year to 31st December, 1947.

Receipts	£	s.	d.	Payments	£	s.	d.
Dividends	31	4	0	Grants	83	14	1
Donations		*Nil*					
Balance	52	10	1				
	£83	14	1		£83	14	1

We have examined the above Account with the Books and Vouchers of the Association and certify the same to be in accordance therewith.

JOHN M. WINTER & SONS,
Chartered Accountants,
39 St. James's Street, London, S.W. 1

19th May, 1948.

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.
RESEARCH LABORATORIES.

STATEMENT OF ACCOUNT with the British Empire Cancer Campaign for the year to 31st December, 1947.

INCOME	£	s.	d.
To Balance, 31st December, 1946	516	1	0
Grants received	10289	0	0
	£10805	1	0

EXPENDITURE				£	s.	d.
By Salaries :						
Biophysics Department.....	2240	10	8			
Staff dealing with Physical aspects of Radio-therapy	559	3	4			
Bio-chemistry Dept.	794	19	11			
Staff dealing with experimental Carcinogenesis, Biology and Chemotherapy	3187	10	0			
Pathological Laboratory.....	65	0	0			
				6847	3	11
Neutron Research Expenses				185	12	5
Instruments, Renewals and Repairs, Drugs, Chemicals, etc.				25	7	2
Cost of Scientific Library				168	4	6
Statistical records for Research				1040	0	0
Fuel, Power and Water				90	0	0
Equipment for new Laboratories				1504	10	8
Geiger Apparatus				124	9	8
Unexpended Balance at 31st December, 1947, carried forward				819	12	8
				£10805	1	0

We have examined the above Account with the Books and Vouchers of the Association and certify the same to be in accordance therewith.

JOHN M. WINTER & SONS,
Chartered Accountants,
39 St. James's Street, London, S.W. 1

19th May, 1948.

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE.

INVESTMENTS ON CAPITAL ACCOUNTS.

Book value as at 31st December, 1947.

	£ s. d.	£ s. d.
(A) *For Special Purposes :—*		
(a) Hospital Endowments :		
£2107 7s. 2d. 4% Funding Loan, 1960—90	2307 15 0	
£4101 2s. 1d. 3½% West Riding Yorkshire Redeemable Stock, 1950—70	4275 14 0	
£2107 7s. 2d. 2¾% Funding Loan, 1952—57	1906 13 4	
£5683 7s. 8d. 3¼% Ceylon Government Inscribed Stock, 1934—59	4290 19 4	
£1875 4% Southern Railway Debenture Stock	1462 10 0	
£2125 4% London & North Eastern Railway Debenture Stock	1604 7 6	
£202 4% London Midland & Scottish Railway Guaranteed Stock	150 7 11	
£1500 4% London & North Eastern Railway 2nd Guaranteed Stock	1065 0 0	
£1500 4% London & North Eastern Railway 1st Preference Stock	982 10 0	
£1600 5% Southern Railway Preference Stock	1400 0 0	
£5900 4% London Midland & Scottish Railway Preference Stock	4100 10 0	
£100 Scinde, Punjaub and Delhi Railway Annuity (Class B)	1800 0 0	
£2881 6s. 8d. 3½% Conversion Loan Stock	3107 7 6	
£1000 3% Savings Bonds 1960—70	1000 0 0	
		29453 14 7
(b) Other Special Purposes :		
Samaritan Fund :		
£360 4% London Midland & Scottish Railway Debenture Stock	280 16 0	
£231 4% London & North Eastern Railway First Preference Stock	151 6 1	
£168 4½% London Transport "A" Stock	157 13 7	
		589 15 8
Findlay B. Anderson Trust Fund :		
£1000 3% Defence Bonds		1000 0 0
Carried forward		31043 10 3

	£	s.	d.	£	s.	d.
Brought forward				31043	10	3
Cancer Research Account:						
£668 16s. 7d. 3½% Conversion Loan, 1961				500	0	0
Newham Account:						
£3150 Savings Bonds 1960—70	3150	0	0			
Fs. 200 City of Brussels 2½% Loan 1902						
Fs. 60 Panama Canal Lottery Bond						
Shs. 250 N. Borneo State Rubber Co., 2/- Fully Paid Ordinary						
Shs. 300 B.R. Finance Co., 1d. Fully Paid Ordinary						
Shs. 200 Commonwealth Mining & Finance, 2/6 Fully Paid Ordinary						
Shs. 5 Nitrate Corpn. of Chile, Series "B" Preferred						
Nominal value £1	1	0	0			
				3151	0	0
Staff Benefit Fund:						
£5 19s. 7d. 3½% Australia Stock, 1954—59	5	15	5			
£846 4½% London Transport "A" Stock	793	12	6			
				799	7	11
Fellowship Fund:						
£400 3% Savings Bonds 1960—70				400	0	0
(B) *For Buildings and Equipment:*						
104 National Savings Certificates.....				78	0	0
(C) *For General Purposes:*						
£400 3½% War Stock, 1929—47	400	6	3			
£530 3% London County Cons. Stock, 1920	320	13	0			
£633 6s. 6d. Metropolitan Water Board "B" Stock	389	9	4			
£387 4% London Midland & Scottish Railway Debenture Stock	301	17	2			
£1281 4% Southern Railway Debenture Stock	999	3	7			
£692 4% London Midland & Scottish Railway Guaranteed Stock	515	12	8			
£900 4% London & North Eastern Railway First Preference Stock	589	10	0			
£1000 5% Southern Railway Preference Stock	875	0	0			
£23 Great Indian Peninsular Railway (Class B) Annuities	530	9	0			
£1000 Buenos Ayres Great Southern Railway Co. Ordinary Stock	240	0	0			
Carried forward	5162	1	0	35971	18	2

	£	s.	d.	£	s.	d.
Brought forward	5162	1	0	35971	18	2
£1000 Buenos Ayres Western Railway Co. Ordinary Stock	170	0	0			
50 Prudential Assurance Co. "A" Shares	1500	0	0			
£7000 Central Argentine Railway Co., Consol. Ordinary Stock.....	1260	0	0			
£1250 3% Savings Bonds 1955—65	1250	0	0			
£100 3% Savings Bonds 1960—70	100	0	0			
9 National Savings Certificates	6	15	0			
£1011 10s. 3d. 3½% Australia Stock 1954—59.....	976	3	7			
£660 4% Funding Stock 1960—90	740	0	6			
£732 19s. 10d. 4% Funding Stock 1960—90.....	863	2	0			
£166 13s. 4d. 3% Nigeria Government Inscribed Stock 1955	173	6	8	12201	8	9
				£48173	6	11

(Approximate Market value as at 31st December, 1947=£56956 16s. 1d.)

STATISTICAL TABLES.

Statistics for year to 31st December, 1947.
Compared with those of previous year.

I.—IN-PATIENTS.

(a) Number of Beds and In-Patients.

		Numbers in 1947	Numbers in 1946
1.	Beds: *(a)* Complement at 31st December.....	652	652
	(b) Average Daily Complement during the period	652	748
	(c) Average daily number closed during the period, owing to—		
	(i.) Re-building or Extension	*Nil*	*Nil*
	(ii.) Repairs, Cleaning, etc.	*Nil*	*Nil*
	(iii.) Other causes	198	190
	(d) Average daily number open during the period—		
	(i.) E.H.S. Casualty Beds	354	471
	(ii.) Other Beds	100	87
	(e) Average daily number occupied during the period—		
	(i.) E.H.S. Casualty Beds	223·6	297·3
	(ii.) Other Beds	89·1	78·2
2.	Number of In-Patients in the Hospital at the beginning of the period	295	492
3.	Number of In-Patients admitted during the period.....	3633	4071
4.	Number of In-Patients in the Hospital at the end of the period	261	295
5.	Average Number of days each Patient was resident..... (Ascertained by dividing the total of daily accounts viz. 114,140 by the number of Patients treated to a conclusion, i.e. (2) plus (3) minus (4).)	31·13	32·11
6.	Number of Patients admitted and discharged during the period who were resident for—		
	(i.) only 1 day	82	96
	(ii.) 2 and 3 days	135	130

522 Beds have been added under the Emergency Hospital Scheme.

(b) Annual Expenditure on In-Patients.

Average cost of each In-Patient per week, and average cost of each In-Patient.

	Expenditure on In-Patients *1947*	Average cost of each In-Patient per week *1947*	Average cost of each In-Patient *1947*	Average cost of each In-Patient per week *1946*	Average cost of each In-Patient *1946*
	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Provisions	39631	2 8 7	10 16 2	1 17 2	8 10 8
Surgery and Dispensary	20688	1 5 4	5 12 10	16 6	3 15 6
Domestic	34407	2 2 3	9 7 8	1 8 9	6 11 10
Salaries and Wages	88508	5 8 6	24 2 9	3 9 8	15 19 6
Miscellaneous	7145	8 9	1 18 11	5 6	1 5 6
Administration	4244	5 2	1 3 2	3 4	15 0
Statistical Cost	194623	11 18 7	53 1 6	8 0 11	36 18 0
Establishment:					
Renewals and Repairs	4985	6 1	1 7 2	4 1	18 9
Finance	1994	2 5	10 10	1 4	6 4
	£201602	£12 7 1	£54 19 6	£8 6 4	£38 3 1

LEGACIES received since 1941.

		£	s.	d.
1942	Owers, Ernest, Esq.	285	0	0
	Hardy, Mrs. Kathleen	100	0	0
	Lloyd, Arthur, Esq.	1500	0	0
	Patmore, William, Esq.	200	0	0
	Bolus, Mrs. Mary M.	100	7	4
	Ferrier, E. V., Esq.	3	3	9
	MacMahon, Edward, Esq.	317	14	6
	Nathan, Miss Dora K. G.	100	0	0
	Lucy, Sir Henry	21	9	10
	Newham, Edward Henry, Esq.	3000	0	0
	Hyam, Edward Elias, Esq.	25	0	0
1943	Baker, Mrs. Harriet Ellen	5	0	0
	Adams, Miss Lilian Grace Robina	9	17	4
	Bain, Miss Mary Helen	45	0	0
	Ferrier, E. V., Esq.	1	12	11
	Blencowo, Mrs. H. M.	100	0	0
	Dodd, Miss L. C.	50	0	0
	Westrik, Theodore, Esq.	3053	2	9
	Owers, Ernest, Esq.	265	0	0
	Spinney, Mrs. Hilda	100	0	0
	Newham, Edward Henry, Esq.	121	2	3
1944	Guy, Mrs. Ruth	10	0	0
	Owers, Ernest, Esq.	1008	6	8
	Rothwell, H. J., Esq.	60	0	0
	Winne, St. Andrew, St. John, Esq.	120	0	0
	Johnson, W. T., Esq.	5490	0	0
	Ferrier, E. V., Esq.	1	14	0
	Snowdon, Mrs. L.	1350	0	0
	Spencer, W. L., Esq.	200	0	0
1945	Ferrier, E. V., Esq.	1	13	5
	Fouracres, Walter, Esq.	100	0	0
	King, Mrs. Jessie (per C. Hardy Bentley, Esq.)	1000	0	0
	Owers, Ernest Esq.	5234	2	4
	Pratt, Frank, Esq.	100	0	0
	Skinner, Mrs. M. J.	146	10	4
	Trimby, Mrs. Alice	225	0	0
	Ward, Miss M. A.	958	16	1
	Westrik, Theodore, Esq.	740	0	0
1946	Brown, Mrs. A.	300	0	8
	Ferrier, F. V. E., Esq.	1	13	8
	Hill, Mrs. G. I.	500	0	0
	Johnson, W. T., Esq.	630	0	0
	Owers, E., Esq.	4400	0	0
	Sheward, Miss P. M.	1500	0	0
	Skinner, Mrs. M. J.	27	0	0
	Spurrier, Miss A. M.	100	0	0
	Thrower, H. S., Esq.	107	7	1
	Westrik, T., Esq.	1036	8	8
1947	Brace, Mrs. S. L.	90	0	0
	Ferrier, F. V. E., Esq.	1	12	4
	Gibbs, C. A., Esq.	200	0	0
	Johnson, W. T., Esq.	61	0	11
	Lillicrap, C. S., Esq.	100	0	0
	Owers, E., Esq.	837	11	2

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